

2020

Award of Merit Recipient

Maher Nessim,
Ph.D., PEng, FCAE – C-FER Fellow



In recognition of long-standing contributions, renowned expertise and advocacy of standards related to the design and safety of pipelines

A distinguished expert in the field of risk assessment and reliability theory and their applications to pipeline design and assessment, Dr. Maher Nessim has played significant and leading roles on CSA Group committees for over two decades. He has served as a member of the Z662 Design Technical Subcommittee for 13 years and has been the lead for the Risk Management Task Force for the last 3 years. Maher is also a very active member of the Class Location Task Force and is currently the lead of a Joint Industry Project (JIP) for Safety Class Systems.

Dr. Nessim's contributions are numerous, including leading significant research programs which have resulted in advancements in pipeline design. For example, Maher led the Z662 Class Location Task Force in developing a new risk-based safety class system which will provide a technical approach and framework to consistently achieve acceptable safety levels.

Maher has authored and presented over 100 papers on risk and reliability analysis, lectured extensively on the subject and provided consulting services worldwide on

risk-based design and integrity management issues. He has made numerous presentations to specific stakeholder groups, such as regulators and industry associations, to promote the new approaches incorporated into CSA standards. A Fellow of the Canadian Academy of Engineers since 2013, Maher's contributions to the pipeline research community have not gone unnoticed and he has been the recipient of many awards and recognitions over his distinguished career.

As a CSA member, Maher has worked to establish a culture of collaboration and consensus-building under several different committee chairs and has readily adopted change. His fellow committee members know him as an excellent communicator who is able to receive and process input and questions while maintaining his focus and flow. The caliber of Maher's contributions, and his commitment to advancing CSA standards, is unparalleled.

Maher is a C-FER Fellow, with C-FER Technologies in Edmonton, Alberta.